

Sailing Training Vessel 2630

SHABAB OMAN



GENERAL

Yard number	557001
Delivery date	August 2014
Basic functions	Sail Training
Classification	Lloyds Register; *100A1, *IWS, *LMC, UMS, CACc
Owner	Royal Navy of Oman
Designer	Dykstra Naval Architects

DIMENSIONS

Length o.a.	85.83	m
Beam mld.	11.10	m
Depth	6.70	m
Draught maximum	5.10	m
Air draught above base	55.10	m
Displacement at design draught	1324	t

SAIL (AREA) COMBINATIONS

Running rigging max.	2630	m ²
Excluding stun sails	2263	m ²

TANK CAPACITIES

Fuel oil.	55	m ³
Fresh water	23	m ³

PERFORMANCE (APPROX.)

Speed under sails	18.0	kn
Speed on engine power	11.5	kn

PROPULSION SYSTEM

Main engine	2x	Caterpillar C32-ACERT
Power	2x	634 kW @ 1800 rpm.
Propeller	2x	1600 mm CPP, fully feathering
Bow thruster	1x	315 kW E-driven fpp.

AUXILIARY EQUIPMENT

Generator sets	3x	Caterpillar C9, 215 kW @ 1800 rpm.
Emergency generator set	1x	Caterpillar C4.4, 95 kW @ 1800 rpm.

DECK LAY-OUT

Anchor winch	2x	vertical chain wheel and mooring head
Capstans	4x	E/hand driven, traditional look, 4 tons pull
Deck crane		2550 kg @ 8.8 m reach
Ridged Inflatable boats	2x	7.2 m RIB with 240 hp engine
Rescue boat		4.2 m SOLAS approved boat
Liferafts	10x	25 persons SOLAS approved

ACCOMMODATION

VIP Guests		For 4 persons in 2x 2 berth cabins
Crew		For 54 persons in 1, 2, 6, 9 and 12 berth cabins
Trainees		For 36 persons in 6 and 12 berth cabins
General		Lobby with toilet facilities, Main saloon and display area, Majlis, Hospital, officer's ward room, trainee and crew mess.

NAUTICAL AND COMMUNICATION EQUIPMENT

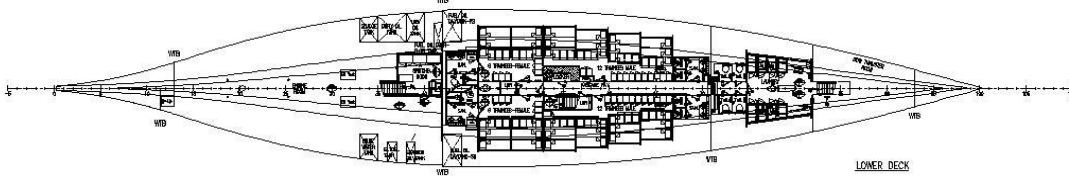
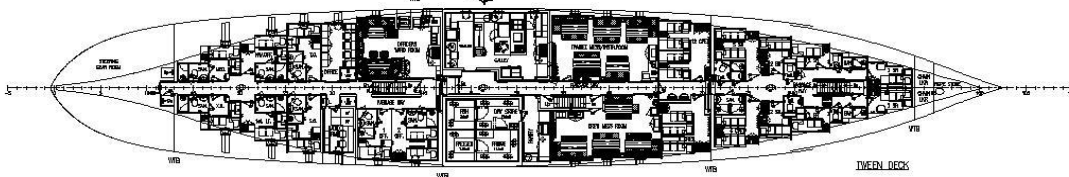
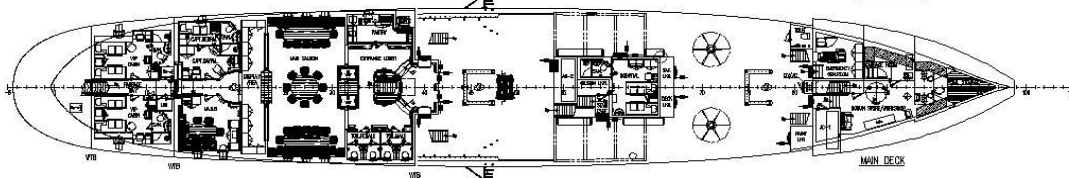
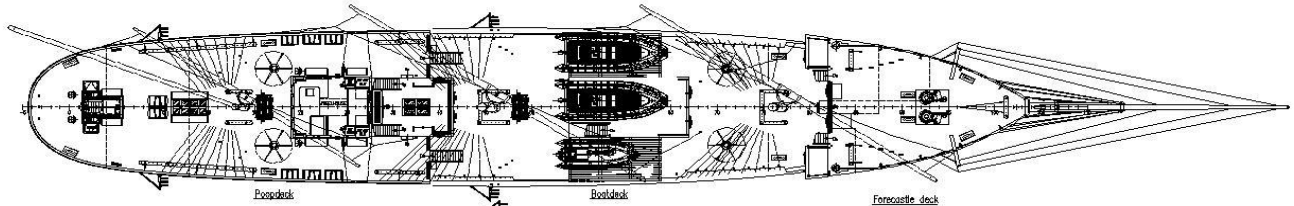
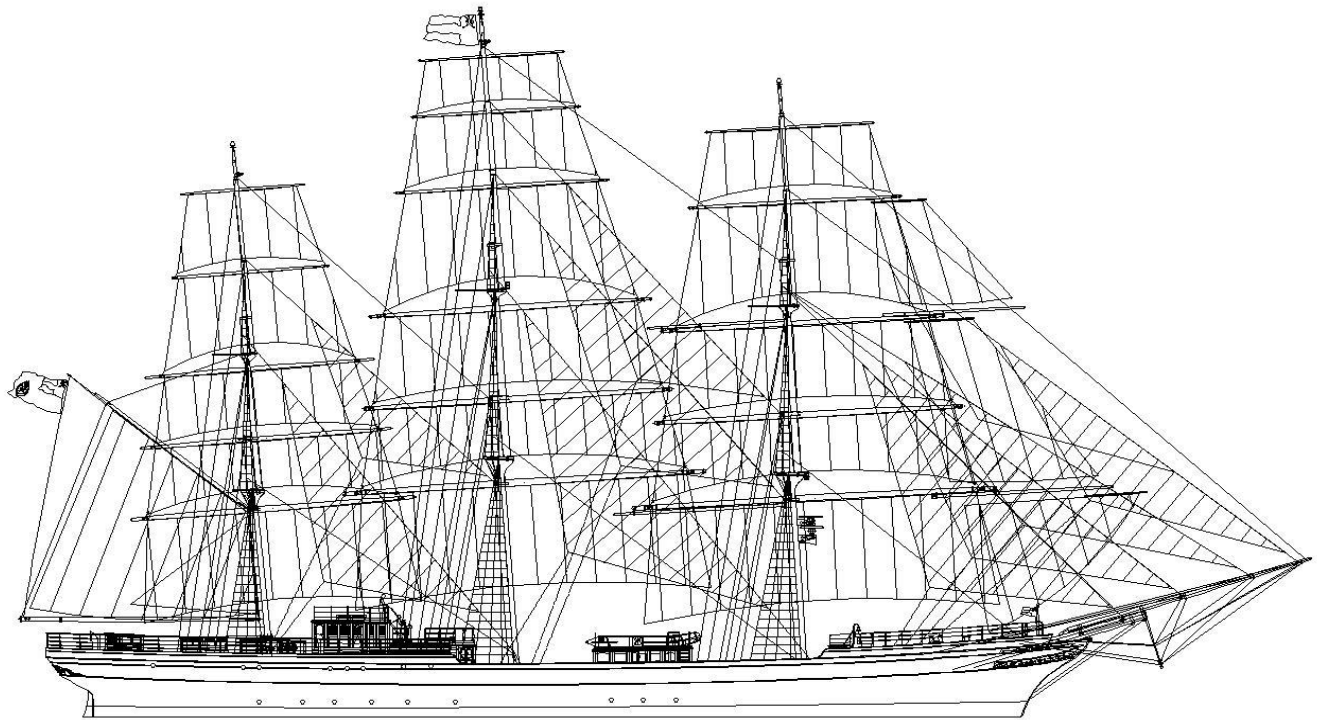
Radar systems	2x	X-band system
General		Incl. gyro compass, autopilot, ECDIS, 2x DGPS, echo sounder, speed log, VDR
Internal communication		Telephone, Public address system, sound powered telephone system
CCTV	4x	Camera with central workstation
External communication		GMDSS Area A3
Satellite communication systems	2x	Inmarsat-C, 2x Inmarsat-F
Additional systems		Airband receiver, GSM, AIS
Military radio systems		HF transmission, VHF/UHF transceiver, Message handling system, Crypto

RIGGING SYSTEMS

Masts		Three (3) masts (steel/aluminium)
Spars		Aluminium
Standing rigging		Stainless steel
Sail handling		2x Jarvis winch system
Sails		Total 34 sails of which 16 square sails Sail are made of Dacron materials

Sailing Training Vessel 2630

SHABAB OMAN



DAMEN

Damen.com

©No part of the leaflet may be reproduced in any form, by print, photo print, microfilm, or any other means, without written permission from Damen Shipyards Group